### **Schedule of Accreditation**

issued by

### **United Kingdom Accreditation Service**

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



9208

Accredited to ISO/IEC 17065:2012 to provide product conformity certification

#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

Edward Lloyd House 8 Pinnacle Way Pride Park Derby

**DE24 8ZS** 

Contact: Mr Mark Dodsworth
Tel: +44 (0) 1904 404725
E-Mail: railuk@ricardo.com

Website: www.certification.ricardo.com

#### **DETAIL OF ACCREDITATION**

Product	Standard
Rail Product Certification - Full System Verification	EN 50126-1:2017:AC-2006 / AC-2010 EN 50128:2011 & 2001 EN 50129:2018 & for current on-going projects and new projects where applicable EN 50126-1:1999:AC-2006 / AC-2010 EN 50129:2003
Rail Industry Standard for Verification of Conformity of Engineering Change to Rail Vehicles (Inclusive of Steam Locomotives)	Rail Safety and Standards Board RIS-2700-RST
Rail Industry Standard for Engineering Certification of Railborne Plant On Track Machines only	Rail Safety and Standards Board RIS-1710-PLT
	END

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Infrastructure

Energy

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#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

#### Accreditation for the purpose of UK Approved Body Activity in accordance with UKCA Requirements and **UKAS Publication GEN 5** Directive/ Regulations & Category of products **Methods/ Procedures** Regulation **Conformity Assessment** or individual **Essential Requirements** Modules/Schedules products **Product Specification/ Properties Standards** The Railways (Interoperability) Regulations 2011 as amended by the Railways (Interoperability) (Amendment) (EU Exit) **Regulations 2019** (2019/345 Control-Command and CB, CD, CF, CH1 Control-command and The Railways (Interoperability) Signalling SB, SD, SF, SG, SH1 signalling (On board Regulations 2011 as amended and Trackside) (Constituents) (Sub-systems)

Infrastructure

(Constituents)

(Sub-systems)

(Constituents)

(Sub-systems)

Energy

The Railways (Interoperability)

Regulations 2011 as amended

The Railways (Interoperability)

Regulations 2011 as amended

CA1, CB, CD, CF, CH1,

CV, SG, SH1

CA1, CB, CH1

SG, SH1

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#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

Accreditation for the purpose of UK Approved Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5			
Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards
The Railways (Interoperability) Regulations 2011 as amended by the Railways (Interoperability) (Amendment) (EU Exit) Regulations 2019 (2019/345)			
Rolling Stock Freight Wagons	CA1, CB, CD, CF, CH1, CV, SB, SD, SF, SH1	Rolling Stock Freight Wagons (Constituents) (Sub-systems)	The Railways (Interoperability Regulations 2011 as amended
Rolling Stock Locomotive & Passenger	CA1, CB, CD, CF, CH1, CV, SB, SD, SF, SH1	Rolling Stock Locomotive & Passenger (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended
Rolling Stock Noise	SB, SD, SF, SH1	Rolling Stock Noise (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended
Persons with Reduced Mobility	CA1, CB, CD, CF, CH1, CV, SB, SD, SF, SG, SH1	Persons with Reduced Mobility (Constituents) (Sub-systems)	The Railways (Interoperability Regulations 2011 as amended
Safety in Railway Tunnels	SB, SD, SF, SG, SH1	Safety in Railway Tunnels	The Railways (Interoperability) Regulations 2011 as amended

#### **INTERFACES WITH OTHER NTSN's**

(Constituents) (Sub-systems)

The Approved body has demonstrated the capability to undertake certification of the constituents and sub-systems indicated above while making appropriate provision for the defined interfaces with other NTSNs.

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## United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

Accreditation for the purp	Accreditation for the purpose of UK Designated Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5				
Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards		
The Railways (Interoperability) Regulations 2011 as amended by the Railways (Interoperability) (Amendment) (EU Exit) Regulations 2019 (2019/345).					
Control-Command and Signalling	UK Notified Technical Rules	Control-command and signalling (On board and Trackside) (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended		
Infrastructure	UK Notified Technical Rules	Infrastructure (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended		
Energy	UK Notified Technical Rules	Energy (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended		
Rolling Stock Freight Wagons	UK Notified Technical Rules	Rolling Stock Freight Wagons (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended		

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United Kingdom Accreditation Service
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#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

## Accreditation for the purpose of UK Designated Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5

Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards
The Railways (Interoperability) Regulations 2011 as amended by the Railways (Interoperability) (Amendment) (EU Exit) Regulations 2019 (2019/345).			
Rolling Stock Locomotive & Passenger	UK Notified Technical Rules	Rolling Stock Locomotive & Passenger (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended
Rolling Stock Noise	UK Notified Technical Rules	Rolling Stock Noise (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended
Persons with Reduced Mobility	UK Notified Technical Rules	UK Notified Technical Rules  Denmark Notified Technical Rules  (As notified to the commission) Persons with Reduced Mobility (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended

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## Accreditation for the purpose of UK Designated Body Activity in accordance with UKCA Requirements and UKAS Publication GEN 5

Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards
The Railways (Interoperability) Regulations 2011 as amended by the Railways (Interoperability) (Amendment) (EU Exit) Regulations 2019 (2019/345).			
Safety in Railway Tunnels	UK Notified Technical Rules	Safety in Railway Tunnels (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended

#### **INTERFACES WITH OTHER NTSN's & NTR's**

The designated body has demonstrated the capability to undertake certification of the constituents and sub-systems indicated above while making appropriate provision for the defined interfaces between the NTSN's, National Technical Rules and UK National Process.

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# Schedule of Accreditation issued by United Kingdom Accreditation Service

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#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

Accreditation for the purpose of Notified Body (NI) Activity relating to the Northern Ireland market (CE + UKNI) taking into account EA-2/17

UKNI) taking into account EA-2/17				
Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards	
Interoperability of the Rail System implemented in Northern Ireland by the Railways (Interoperability) Regulations 2011				
Control-Command and Signalling	CB, CD, CF, CH1 SB, SD, SF, SG, SH1	Control-command and signalling (On board and Trackside) (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Infrastructure	CA1, CB, CD, CF, CH1, CV, SG, SH1	Infrastructure (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Energy	CA1, CB, CH1 SG, SH1	Energy (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Rolling Stock Freight Wagons	CA1, CB, CD, CF, CH1, CV, SB, SD, SF, SH1	Rolling Stock Freight Wagons (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Rolling Stock Locomotive & Passenger	CA1, CB, CD, CF, CH1, CV, SB, SD, SF, SH1	Rolling Stock Locomotive & Passenger (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	

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### **Schedule of Accreditation** issued by United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

Accreditation for the purpose of Notified Body (NI) Activity relating to the Northern Ireland market (CE + UKNI) taking into account EA-2/17				
Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards	
Interoperability of the Rail System implemented in Northern Ireland by the Railways (Interoperability) Regulations 2011				
Rolling Stock Noise	SB, SD, SF, SH1	Rolling Stock Noise (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Persons with Reduced Mobility	CA1, CB, CD, CF, CH1, CV, SB, SD, SF, SG, SH1	Persons with Reduced Mobility (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Safety in Railway Tunnels	SB, SD, SF, SG, SH1	Safety in Railway Tunnels (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	

#### **INTERFACES WITH OTHER TSIs**

The notified body has demonstrated the capability to undertake certification of the constituents and sub-systems indicated above while making appropriate provision for the defined interfaces with other TSIs.

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#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

Accreditation for the pur	pose of Designated Body Ac + UKNI) taking into a		ern Ireland market (CE	
Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards	
Interoperability of the Rail System implemented in Northern Ireland by the Railways (Interoperability) Regulations 2011				
Control-Command and Signalling	NNTR's & National Processes	Control-command and signalling (On board and Trackside) (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Infrastructure	NNTR's & National Processes	Infrastructure (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Energy	NNTR's & National Processes	Energy (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Rolling Stock Freight Wagons	NNTR's & National Processes	Rolling Stock Freight Wagons (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Rolling Stock Locomotive & Passenger	NNTR's & National Processes	Rolling Stock Locomotive & Passenger (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Rolling Stock Noise	NNTR's & National Processes	Rolling Stock Noise (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	

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#### **Ricardo Certification Ltd**

Issue No: 009 Issue date: 03 August 2021

## Accreditation for the purpose of Designated Body Activity relating to the Northern Ireland market (CE + UKNI) taking into account EA-2/17

+ OKNI) taking into account EA-2/17				
Directive/ Regulation	Regulations & Conformity Assessment Modules/Schedules	Category of products or individual products	Methods/ Procedures Essential Requirements Product Specification/ Properties Standards	
Interoperability of the Rail System implemented in Northern Ireland by the Railways (Interoperability) Regulations 2011				
Persons with Reduced Mobility	NNTR's & National Processes	UK Notified Technical Rules  Denmark Notified Technical Rules  (As notified to the commission) Persons with Reduced Mobility (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	
Safety in Railway Tunnels	NNTR's & National Processes	Safety in Railway Tunnels (Constituents) (Sub-systems)	The Railways (Interoperability) Regulations 2011 as amended	

#### **INTERFACES WITH OTHER TSIs**

The designated body has demonstrated the capability to undertake certification of the constituents and sub-systems indicated above while making appropriate provision for the defined interfaces between the TSI's, Notified National Technical Rules and UK National Process.

**END** 

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#### **Ricardo Certification Ltd**

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Overseas Locations where key activities covered by the above Accreditation Standard are undertaken as per IAF/ILAC A5			
KL 1			
Room 1301-1302			
Shun Tak Tower			
No 1 Xiangheyuan Street			
Dongchen District			
Beijing 100028,			
PR China			

Location	Directive / Regulation	Approval of Technical Personnel	Contract Review	Review of Evaluation Tasks	Decision on Certification
KL 1,	Rail Product Certification - Full System Verification	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>

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